

CLAIMS:

1. A process for the purification of 4,4'-(9-fluorenylidene)diallylphenol, which comprises dissolving crude 4,4'-(9-fluorenylidene)diallylphenol with an inclusion-compound-forming solvent, which comprises an inclusion-compound-forming compound capable of forming an inclusion compound with 4,4'-(9-fluorenylidene)diallylphenol, to form said inclusion compound in a form of a solution, and then causing said inclusion compound to deposit.

2. The process of claim 1, wherein said inclusion compound is caused to deposit by charging said solution of said inclusion compound into a poor solvent for said inclusion compound.

3. The process of claim 2, wherein said poor solvent is an aliphatic hydrocarbon solvent.

4. The process of claim 3, wherein said aliphatic hydrocarbon solvent is selected from the group consisting of n-hexane, n-heptane, cyclohexane, petroleum ether and mixtures thereof.

5. The process of claim 1, further comprising dissolving said deposited inclusion compound in an inclusion-compound-dissolving solvent, and then distilling off said inclusion-compound-forming compound along with a portion of said inclusion-compound-dissolving solvent to obtain 4,4'-(9-fluorenylidene)diallylphenol in a form free of said inclusion-compound-forming compound.

6. The process of claim 5, wherein said distillation is conducted such that 4,4'-(9-fluorenylidene)diallylphenol is obtained in a form of a solution dissolved in said inclusion-compound-dissolving solvent.

7. The process of claim 5, wherein said inclusion-compound-dissolving solvent is a solvent incapable of forming an inclusion compound with 4,4'-(9-fluorenylidene)-diallylphenol.

8. The process of claim 7, wherein said inclusion-compound-dissolving solvent is selected from the group consisting of toluene, benzene, xylene, mesitylene, tetralin, methylnaphthalene, and mixtures thereof.

9. The process of claim 1, wherein said inclusion-compound-forming compound and said inclusion-compound-forming solvent are the same.

10. The process of claim 9, wherein a polar solvent is used as said inclusion-compound-forming compound and said inclusion-compound-forming solvent.

11. The process of claim 10, wherein said polar solvent is selected from the group consisting of carbonyl compounds, alcohols, nitriles, ethers, carboxylic acids, amines, phenols, acetate esters, organic halogenides, and mixtures thereof.

12. The process of claim 10, wherein said polar solvent is selected from the group consisting of acetone, methyl ethyl ketone, methyl isobutyl ketone, isopropyl alcohol, butanol,

acetonitrile, benzonitrile, tetrahydrofuran, dioxane,
diisopropyl ether, acetic acid, propionic acid, pyridine,
aniline, phenol, cresol, methyl acetate, ethyl acetate,
isopropyl acetate, dichloroethane, dichloromethane,
chlorobenzene, and mixtures thereof.